

MEDVEDEV, N., MARTSINYUK, V., OSIPOV, K.

Operative electrified model of a "regulating relay" stand.

Avt.transp. 39 no.2:44-45 P '61.

(Visual aids)

(MIRA 14:3)

(Highway transportation workers--Education and training)

MARTSISHEVSKAYA, L. A.

"Dermatomycoses in the City of Baku and the Cultural Characteristics of Their Emergence." Cand Med Sci, Azerbaydzhan, Stat Medical Inst, 17 Dec 54. (ER, 22 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556 24 Jun 55

MOROZOVA, V.T.; MARTSISHEVSKAYA, R.L.

Data on smallpox vaccination for patients with leukemias.

Probl. gemat. i perel. krovi 8. No.1:31-24 Ja '63.

(MIRA 16:5)

1. Iz kafedry laboratornoy diagnostiki (zav.-prof. Ye.A. Kost)
TSentral'nogo instituta usovershenstvovaniya vrachey i bol'nitsy
imeni S.P. Botkina (glavnyy vrach - dotsent Yu.G. Antonov).
(SMALLPOX—PREVENTION) (LEUKEMIA) (VACCINATION)

MAP 11. SOUTH YULU, 1990.

[illegible]

1. The first part of the document is a letter from the author to the reader, explaining the purpose of the study and the methods used. The letter is dated 1958 and is addressed to the reader.

140577

MARTSISHEVSKAYA, R.I.

Treatment of hypoferric anemia patients in a polyclinic. Sov. med.
27 no.11:97-100 N '64. (MIRA 18:7)

1. Bol'nitsa imeni Botkina (glavnyy vrach - dotsent Yu.G.Antonov;
nauchnyy rukovoditel' - prof. Ye.A. Kost), Moskva.

APPENDIX

1. Introduction

2. Objectives

3. Scope

4. Methodology

5. Results

6. Conclusions

7. Recommendations

8. References

9. Appendix

10. Glossary

11. Index

12. Bibliography

13. Appendix

14. Glossary

15. Index

16. Bibliography

17. Appendix

18. Glossary

19. Index

20. Bibliography

KOZYREVA, A.L.; MARTSISHEVSKAYA, R.L.

Treatment of hemorrhagic thrombocythemia with radioactive phosphorus. Trudy TSIU 71:234-238 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Moudatov) i kafedra laboratornoy diagnostiki (zav. prof. Ye.A. Kost, Tsentral'nogo instituta usovershenstvovaniya vrachey.

USSR / General Problems of Pathology. Tumors.
Metabolism.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102557.

Author : Martsiv, O. D.

Inst : L'vov Medical Institute.

Title : On Antitoxic Function of the Liver in Carcinoma-
tose Patients and in Experimental Carcinomatosis.

Orig Pub: Sb. rabot nauchn. stud. o-va L'vovsk. med. in-ta,
1954, No 2, 45-49.

Abstract: No abstract.

Card 1/1

58

SIMONOV, A.M.; VITKEVICH, N.D.; MARTSOKHA, B.K.

Benzimidazole derivatives. Part 6: Action of sodium amide on 1-phenyl-
and 1-benzylbenzimidazole. Zhur. ob. khim. 30 no.9:3062-3064 S '60.
(MIRA 13:9)

1. Rostovskiy gosudarstvennyy universitet.
(Benzimidazole) (Sodium amide)

SIMONOV, A.M.; MARTSOKHA, B.K.; POZHARSKIY, F.T.

Pyrazole ring expansion under the effect of sodium amide. *Zhur.ob. khim.* 32 no.7:2388-2389 J1 '62. (MIRA 15:7)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Benzimidazole) (Sodium amide)

SIMONOV, A.M.; MARTSOKHA, B.K.; POZHARSKIY, F.T.

Derivatives of indazole. Part 1: Reaction of
1-benzylindazole with sodium amide. Zhur.ob.khim.
33 no.3:1001-1005 Mr '63. (MIRA 16:3)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Indazole) (Amides)

POZHARSKIY, A.F.; MARTSOKHA, B.K.; SIMONOV, A.M.

Direct N-arylation of five-membered nitrogen heterocycles.
Zhur.ob.khim. 33 no.3:1005-1007 Mr '63. (MIRA 16:3)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Heterocyclic compounds)
(Nitrogen compounds) (Arylation)

POZHARSKIY, F.T.; SAYAPIN, V.G.; MARTSOKHA, B.K.

Halogenation of indazole and its derivatives by complex
compounds of halogens with dioxane. Zhur. ob. khim. 34
no.8:2777-2778 Ag 1964. (MIRA 17:9)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

1. MARTSUN, M. A.
2. USSR (600)
4. Beets and Beet Sugar
7. How we produced a high yield of sugar beets. Dost. sel'khoz no. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified

1000"

1. The first of the two main parts of the report is a
description of the results of the experiments. The second part
is a discussion of the results and a comparison with the
theoretical predictions.

MARTSUN, V. F.

Certain types of interferences for integral functions of finite power. Dokl. AN SSSR 155 no. 2:270-272 Mr '64. (MIRA 1964)

1. Predstavleno akademikom S. N. Bernshteynom.

SPERANSKIY, A.P.; MARTSVELADZE, I.L.

Histochemical examination of cell nuclei from the alveolar connective tissue under the influence of ultrasonics in experiments. Biul. eksp. biol. i med. 51 no.5:101-103 My '61. (MIRA 14:8)

1. Iz Instituta kurortologii i fizioterapii (dir. G.N.Pospelova) i kafedry anatomii i fiziologii (rukovitel' razdela anatomii i gistologii - doktor biologicheskikh i meditsinskikh nauk prof. V.I.Sukharev) Pedagogicheskogo instituta imeni V.I.Lenina (dir. N.P.Kireyev), Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR A.V. Lebedinskim.

(SKIN) (ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT)
(CONNECTIVE TISSUE) (CELL NUCLEI)

SPERANSKIY, A.P.; MARTSVELADZE, I.L.

Effect of ultrasonic waves of relatively low intensity on
areolar tissue. Vop.kur., fizioter.i lech.fiz.kul't. 28
no.1:60-66 '63. (MIRA 16:4)

1. Iz Tsentral'nogo instituta kurortologii i fizioterapii (dir.
G.N.Pospelova) i kafedry anatomii i fiziologii cheloveka i
zhivotnykh (zav. - prof. V.M.Kas'yanov) Pedagogicheskogo
instituta imeni V.I.Lenina.

(ULTRASONIC WAVES--PHYSIOLOGICAL EFFECT)
(CONNECTIVE TISSUES)

SOROCHAN, Yu.P.; MARTSYNOVSKIY, L.Ya.

Mixed automotive and railroad transportation abroad. Biul.tekh.
ekon.inform. no.11:93-96 '59. (MIRA 13:4)
(Transportation)

MARTSYNOVSKIY, L.Ya., SOROCHAN, Yu.P.

Conference on high-roadability tractor trains. Avt.prom. no.7:39-
42 J1 '60. (MIRA 13:7)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Tractor trains)

MARTSYNCVSKIY, L.Ya., inzh; SKERDZHEV, A.I., inzh.

The 790 panel transporter for carrying the panels of apartment
houses. Stroi. i dor. mash. 6 no.5:16-17 My '61. (MIRA 14:6)
(Truck trailers) (Concrete slabs--Transpostation)

SKERDZHEV, A.I., inzh.; MARTSYNOVSKIY, L. Ya.

Trailer trucks for transporting building parts. Mekh. stroi. 18
no.4:21-24 Ap '61. (MIRA 14:6)

1. Konstruktorskoye byuro Gosudarstvennogo soyuznogo ordena Trudovogo
Krasnogo Znameni nauchno-issledovatel'skogo avtomobil'nogo i avto-
motornogo instituta.

(Truck trailers)

(Concrete products—Transportation)

SKERDZHEV, A.I.; MARTSYNOVSKIY, L.Ya.; SOROCHAN, Yu.P.

State standard for the dimensions of coupling devices of tractors
and semitrailers. Avt.prom. 27 no.8:45-47 Ag '61. (MIRA 14:10)

1. Nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy
institut.

(Tractor trains)

MARTSINOVSKIY, L.Ya., inzh.; SOROCHAN, Yu.P., inzh.

New agricultural trailers. Mashinostroenie no.3:99-100 My-Je '62.
(MIRA 15:7)

1. Moskovskiy nauchnyy avtomobil'nyy i avtomotornyy institut.
(Truck trailers)

SKERDZHEV, A.I.; SOROCHAN, Yu.P.; MARTSYNOVSKIY, L.Ya.

The NAMI-787 single-axle tractor trailer with a driving axle. Biul.-
tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. no.4:65-67
'62. (MIRA 15:7)

(Truck trailers)

MARTSYNOVSKIY, L.Ya.; SKERDZHEV, A.I.; SOROCHAN, Yu.P.

The 790 semitrailer for panel transportation. Biul.tekh.-ekon.
inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.5:75-76 '62.
(MIRA 15:7)

(Truck trailers)

MARTSYNOVSKIY, L.Ya.; SOROCHAN, Yu.P.

The NAMI-783 and 785 agricultural tractor trailers. Biul.tekh.-
ekon.inform.Gos.nauch.-issl.inst.nauch. i tekhn.inform. no.o:62-64
'62. (MIRA 15:7)

(Truck trailers)

MARTSYNOVSKIY, L.Ya.; SOROCHAN, Yu.P.

Wheeled and track-laying combination vehicles for difficult terrain.
Razved.i okh.nedr 28 no.3:54-59 Mr '62. (MIRA 15:4)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Transportation, Automotive)

MARTSYNOVSKIY, L.Ya.; SOROCHAN, Yu.P.; SKERDZHEV, A.I.

Tractor trains with great tractional capability. Trakt.i sel'-
khoz mash. 32 no.4:19-21 Ap '62. (MIRA 15.4)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Tractors)

MARTS^{ya}NOVSKIY, L.; SOROCHAN, Yu.

State standard for coupling dimensions of saddle tractors and
semitrailers. Avt.transp. 40 no.9:39-40 S '62. (MIRA 15:9)
(Tractors—Standards)

SOBOLEV, Yu.I., inst.; KARTSEV, L.A., inst.; KARTSEV, L.A.,
kand. tekhn. nauk, retsident

[Tractor trains] avtomobilnye, 1965. Moskva, Mashinostroenie, 1965. 517 p. (IRA 18:3)

SKERDZHEV, A.I.; MARTSYNOVSKIY, L.Ya.; SOROCHAN, Yu.P.

Evaluation and standardization of traction and speed properties
of motor vehicles and automobile trains. Standartizatsiia 29 no.3:
18-22 Mr '65. (MIRA 18:5)

MARTULKOV, S.

Uchebnik po radiotekhnika za VII klas na srednite tekhnicheski uchilishna. /Radio engineering textbook/. Sofia (Narodna prosveta) 1950. 204 p. DLC: Slavic unclass.

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

MARTOLEV, S.

Radio engineering: text-book. Sofia, Nauka i tehnika, 1961-62. 2 v. (1961-62, 50 rev.)

TK6550.M324

Hand L. V. V.

"Cathode ray oscillograph."

radio, Radio, Vol 4, No 4, 1964, p. 4

See: East on European Accessions List, Vol 4, No 10, 1964, p. 10

MATHEW, J.

Principles of the ... (Audio), #13:01:11

PART I, V, 8.

Principles of Radio Amateur Tape Records. (H. 11), #11111111.

PARTIAL, ...

Sockets and Characteristics of Several Low-Frequency Vacuum Amplifier
Tubes (Pentodes) with a Filament Filament Voltage of 6.3 Volt. Rad.
(Radio), #611:Aug 54

MATHEW, J.

Questions and Answers. Radio (Radio), #144: Aug '64

MARTULKOV. S.

Phonograph recorder. p. 4.

RADIO. Vol. 5, no. 7. 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

MARTULKOV, S., inzh.

Use of the low-frequency part of radio receivers for multivibrator.
Radio i televizia ll no.8:234 '62.

MARTULKOV, S., inzh.

Testing the semiconductor diodes and transistors. Radio i televiziia
11 no.8:248-249 '62.

MARTULKOV, S., inzh.

Voltage amplification with electron tubes. Radio i televiz-ia 12
no.5:141-142 '63.

MARTULKOV, St., inzh.

Frequency and wavelength. Radio i televizia 12 no.2:45 '63.

MARTULKOV, S., inzh.

Testing transistors. Radio i televiziia 12 no.8:251-252 '63.

MARTULKOV, S., inzh.

Power amplification with electron tubes. Radio i televiziia
12 no. 10:298-300 '63.

MARTULKOV, S., inzh.

Linear and superheterodyne receivers. Radio i televizii
12 no. 11: 329-331 '63.

LEONOVA, S.; PARKHOMENKO, A.; BRUSSER, I.; MERKINA, N.; MARTYNIENKO, G.;
YEGOROV, Yu. (Leningrad); NUTSKIY, Ya.; ARTEMOV, N.; ZHMUDSKIY, Yu.

We can learn from the practices applied in Leningrad. Mest.prom.
i khud.promys. 3 no.5:13-20 My '62. (MIRA 15:6)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta Soveta
Ministrov RSFSR po delam mestnoy promyshlennosti i khudozhest-
vennykh promyslov RSFSR (for Leonova). 2. Upravlyayushchiy
kontoroy "Lengortorsyr'ye" (for Parkhomenko). 3. Direktor
Leningradskoy Sortirovochno-moyechnoy fabрики No.1 kontory
"Leningradsyr'ye" (for Brusser). 4. Glavnyy inzh. Leningradskoy
Sortirovochno-moyechnoy fabрики No.1 kontory "Lengortorsyr'ye"
(for Merkina). 5. Direktor fabрики "Vteprom" kontory
"Lengortorsyr'ye" (for Martynenko). 6. Spetsial'nyy korrespondent
zhurnala "Mestnaya promyshlen ost' i khudozhestvennyye promysly",
(for Yegorov). 7. Inspektor po kadram fabрики "Trud" (for
Nutskiy). 8. Direktor fabрики "Trud", g. Leningrad (for Artemov).
9. Zamestitel' direktora fabрики "Trud", g. Leningrad (for
Zhmudskiy).
(Leningrad--Salvage (Waste, etc))

VITT, S.V.; MARTUNKOVA, N.S.

Hydride mobility of α -hydrogen atoms in alcoholates. Izv. AN
SSSR. Otd.khim.nauk no.5:930 My '62. (MIRA 15:6)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Alcoholates) (Hydrogen)

MARTUR, V.G.; KOZLOVA, V.S.; ANTIPOVA, S.A.

Analysis of a mixture of halogenated hydrocarbons by the method
of gas-liquid chromatography. Zav. lab. 30 no.9:1076 '64.
(MIR: 18 1

GABELOVA, N.A.; ARAKOLOV, O.G.; MARTUSEV, L.T.; LYASS, P.M.

Device for automatic gammagraphy in clinical isotope studies. Med.
rad. 5 no.6:61-64 '60. (MIRA 13:12)
(GAMMA RAYS--MEASUREMENT)

MARTUSEVICH, K. (g. Leningrad)

Small-sized switch for changing frequency bands. Radio no.8:40
Ag '61. (MIRA 14:10)
(Radio—Equipment and supplies)

MARTUSEVICH, Z.K.; SYROVTKO, F.A. (MOSCOW, USSR)

Chirurgische Behandlung der eitrigen Adnexerkrankungen.

Report submitted for the 3rd World Congress, Intl Federation of
Gyneology and Obstetrics, Vienna, Austria, 3-9 Sep 1961.

MARTUSEVICIUS, H.

On a method of expertise control and analysis in temporary disability.
Sveik. apsaug. no.7:24-32 '62.

1. Resp. Kauno klinine ligonine. Vyr. gyd. -- med. m. kand. P.Jasinskas.
(DISABILITY EVALUATION)

MARKUSOV, YE. T.

FRANK, G.M.; GARELOVA, N.A.; MARKELOV, V.V.; MARTUSOV, Ye.T.(Moskva)

Radiograph, a universal nonlinear integrating device for in vivo
research by means of radioactive isotopes. Biul. eksp. biol. i med.
41 no.1:73-76 Ja '56. (MLRA 9:5)

(ROENTGENOGRAPHY, appar. and instruments
universal non-linear integrating device for research during
lifetime with radioactive isotopes)

AUTHORS: Martvel', F.E. and Pogorelov, V.I. SCV/49-58-8-16/17

TITLE: On the Connection Between the Auroral Luminosities and Their Radio Reflections (O svyazi svetimosti polyarnykh siyaniy s radiolokatsionnymi otrazheniyami ot nikh)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, Nr 8, pp 1052 - 1053 + 1 plate (USSR)

ABSTRACT: Radio observations were carried out at Roshchino ($\varphi = 60^{\circ}12'$, $\lambda = 29^{\circ}34'$ E; $\Phi = 56^{\circ}35'$, $\Lambda = 116^{\circ}47'$ E) simultaneously with photographic observations on the aurora (using an automatic, 180° Stoffregen camera). The 72 Mc radiolocator at Roshchino and the initial results obtained with it are described in Ref 1, whilst the Stoffregen camera is described in Ref 2. After the end of the polar night in August, 1957, the camera was used on every moonless night during the regular world days and special world intervals. Owing to the cloudy weather generally prevailing, it was difficult to determine the brightness and type of aurora from the photographs (even for a 20-sec exposure). Hence, to avoid error, only results from nights which were both moonless and cloudless were used. The photographs were oriented

Card 1/5

SCV/49-58-8-16/17

On the Connection Between the Auroral Luminosities and Their Radio Reflections

on the geomagnetic pole with East on the right. In figures 1 and 2, the light spots mark each 10° and the arrows represent the azimuth of maximum radio reflection. It is natural to assume that reflection of the 4-metre waves used takes place in the first instance from inhomogeneities in the ionosphere which show maximum electron concentration during aurorae. These are known to be in the sporadic E layer - situated at about the same level as the normal E layer, viz. ~ 110 km (Ref 3). Using this height and the observed angle of inclination of the radio signals, it should be possible to decide at which point in the sky radio reflection occurs. Figures 1 and 2 show photographs taken on November 26, 1957 and September 22, 1957. Narrow areas have been drawn on them to show where shortwave radio reflections might originate under these conditions. It can be seen that the area occupied by aurora is much greater than the reflection area and the brightness of the latter does not coincide with the maximum brightness of the former. Dispersion of the heights of reflection even in the limits of 100 to 200 km could not

Card2/5

SCV/49-58-8-16/17

On the Connection Between the Auroral Luminosities and Their Radio Reflections

lead to a substantial change in zenith distance or vertical angular width, since only distances exceeding 500 km were observed at Roshchino (Ref 1). The table gives a comparison of the aurorae and their radio reflections. The heights of the reflecting zones are calculated on the assumption that reflections are produced in directions perpendicular to the magnetic lines of force. The aurorae shown in the table covered almost the entire Northern horizon in azimuth and extended as far as and beyond the zenith. The spectral characteristics of the aurorae were normal, although the emission was not observed owing to more intense neighbouring emission. The material obtained at Roshchino leads to the following points: 1) generally speaking, the most intense radio reflections seemed to coincide with clearly defined auroral streamer displays; 2) reflections of large amplitude corresponded to the brighter aurorae - when aurorae were absent, no radio reflections were observed and only few reflections were recorded with weak aurorae; 3) there is a small dispersion ($5-10^\circ$) between the azimuths of the most

Card3/5

SOV/49-58-8-16/17

On the Connection between the Auroral Luminosities and Their Radio Reflections

intense parts of the aurorae and the azimuths of the most intense radio reflections. This does not, however, exceed the limits of error and can, in any case, be explained by radiowave refraction in an ionised medium; 4) the dimensions of the radio reflection zones are small compared with the area of sky covered by aurora. The zones coincided approximately with the areas which obeyed Chapman's condition (Ref 4) (i.e. the direction of reflection is perpendicular to the magnetic lines of force). There are 4 references, 2 of which are Soviet (1 translated from English) and 2 English.

Card 4/5

SCV/49-58-8-16/17
On the Connection between the Auroral Luminosities and Their
Radio Reflections

ASSOCIATION: Akademiya nauk SSSR Institut fiziki atmosfery
Roshchinskaya stantsiya (Institute of Atmospheric
Physics Roshchino Station)

SUBMITTED: February 13, 1958
1. Aurorae--Luminescence

Card 5/5

M. I. N. I. (Nashva,

cated cases of ... of river flow over a period of
years. Izv. AN ... to ... 6:12-19 ...

(river ... station)

ANTOS, Kamil, doc., inz., ScC.; MARTVON, Augustin, inz.; KRISTIAN, Pavol,
inz., ScC.

Isothiocyanates. Pt. 11. Chem zvesti 17 no.5:294-299 '63.

1. Katedra organickej chemie, Slovenska vysoka skola technicka,
Bratislava, Kollarovo namesti 2.

L 14438-66 EWT(m)/T IJP(c)
ACC NR: AT6002500

SOURCE CODE: UR/3138/65/000/362/0001/0012

AUTHOR: Birger, N. G.; Borisov, V. S.; Bysheva, G. K.; Gol'din, L. L.; Korotkov, M. M.; Martusov, Ye. T.; Sidorenko, Z. S.; Tumanov, G. K.

ORG: none

17.55
30
E+1
TITLE: Measurement of proton momentum as a function of acceleration time on the synchrotron at the Institute of Theoretical and Experimental Physics

17.55
SOURCE: USSR. Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii. Institut teoreticheskoy i eksperimental'noy fiziki. Doklady, no. 362, 1965. Izmereniye zavisimosti impul'sa protonov sinkhrotrona ITEF ot vremeni uskoreniya, 1-12

TOPIC TAGS: proton beam, synchrotron, particle physics

ABSTRACT: A beam of particles emitted at an angle of 0.222 rad to the direction of incident proton was analyzed by an SP-12 magnet located 13 m from a polyethylene target. Positively charged particles deflected by this magnet at an angle of 0.262 rad reached the detector. The detector count rate was measured as a function of magnet current. The energy of elastically scattered protons was used as a basis for determining momentum. The measurements were made at four different time intervals

Card 1/2

2

L 14438-66
ACC NR: AT6002500

from the beginning of the acceleration cycle. The following table gives the results of these measurements

Results of measurements of proton momentum P
as a function of acceleration time

t in sec	$P(1 \pm \delta P/P)^d$ in bev/c
0.404	2.20 (1 $\pm$ 0.006)
0.408	2.25 (1 $\pm$ 0.006)
0.813	4.45 (1 $\pm$ 0.006)
0.817	4.49 (1 $\pm$ 0.006)
1.176	6.35 (1 $\pm$ 0.006)
1.420	7.64 (1 $\pm$ 0.009)

where $\frac{\delta P}{P}$ is the relative error in momentum determination. The experimental errors are analyzed and the following formula is given for proton momentum as a function of acceleration time: $P = 0.08 + 5.34 t$. Orig. art. has: 6 figures, 1 table, 1 formula.

SUB CODE: 20/

SUBM DATE: 21Jun65/

ORIG REF: 002/

OTH REF: 000

Card 2/2

BOGOMOLOV, O.; GERTSOVITS, G.; MART'YANOV, A.; SEMENOV, I.

Interesting work on the international socialist economy
("The international socialist economy." Reviewed by O. Bogomolov
and others). Vop. ekon. no. 2: 123-130 F '59. (MIRA 12:5)
(Economic history)

MART'YANOV, A.L. (Vladivostok)

Foreign body in the orbit. Vest.oft. 69 no.3:26-27 My-Je '56.

(MLRA 9:8)

(ORBIT, foreign bodies,
case report (Rus))

(FOREIGN BODIES,
orbit, case report (Rus))

MART'YANOV, A.N.

Synthesis of linear electrical circuits with concentrated permanent parameters using a given transfer characteristic. Radiotekhnika 19 no.8:19-21 Ag '64. (MIRA 17:9

1 Deystvitel'nyy orden Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni A.S. Popova.

CHEVRENIDI, S.Kh.; PAUZNER, L.Ye.; MART'YANOV, A.N.

Where science joins production. Rast. res. 1 no.1:128-129 '65.
(MIRA 18:6)

1. Otdel rastitel'nogo syr'ya Instituta botaniki AN UzSSR,
Tashkent.

MART'YANOV, A.S.

Considering the effect of solar radiation on heat inflow to the holds of a refrigerator vessel. Trudy LKI no.29:165-169 '59.

(MIRA 14:7)

1. Leningradskiy korablestroitel'nyy institut, kafedra sudovykh parovykh mashin i vspomogatel'nykh mekhanizmov.

(Refrigerator ships)

(Solar radiation)

MART'YANOV, B. K.

International telephone stations; a textbook. Moskva, Gos. izd-vo lit-ry
po voprosam svyazi i radio, 1942. 303 p. maps. (50-41598)

TK6211.M3

Y
MARTINOV, B.K.

Mezhdunarodnye telefonnye stantsii. [International telephone stations]. Moscow, Sviaz izdat, 1942. 248 p.

Mezhdunarodnye telefonnye stantsii. [International telephone stations]. Dopr. k razv. v kachestve tekhnika dlia viuzov svyazi. Moscow, Gos. izd-vo liter. po voprosam svyazi i radio, 1942. 248 p. Maps, diagrams "Primeneniye tekhnicheskoi literatury, ispol'zovannoi avtorom": p. 102. OLC: 114211.85

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, D. C., Unclassified.

KLEVTSOV, V.A., kand.tekhn.nauk; MATVEYEV, K.M., inzh.; LUKHAREV, Y.N., inzh.;
GELLERTOV, G.N., inzh.; MART'YANOV, B.Ya., inzh.

Secondary trusses with strand reinforcement in the lower chord.
Prom.stroi. 42 no.2:24-28 '66.

(MIRA 18:4)

LITVIN, D.M.; MART'YANOV, E.I.

Device for determining the strength of molding mixtures. Lit.
proizv. no.10:45-46 O '60. (MIRA 13:10)
(Sand, Foundry--Testing)

SIDOROV, M.D.; BANDARENKO, Yu.A., inzh., retsenzent; MART'YANOV, E.V.,
inzh., retsenzent; ROMANTSOV, E.I., inzh., retsenzent; CHERNOUSOV,
N.P., inzh., retsenzent; GOFLIN, A.P., kand. tekhn. nauk, red.;
VASIL'YEVA, V.P., red.izd-va; SHCHETININA, L.V., tekhn. red.

[Handbook on air and gas blowing machines] Spravochnik po voz-
dukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.
(MIRA 15:12)

(Fans, Mechanical) (Air compressors) (Belts and belting)

MART'YANOV, F. M.

23497. OB ITOGAKH SOREVNOVANIYa RABOTNIKOV SOVKHOZOV ZA POV'YSHENIYe MOLOCHNOY
PRODUKTIVNOSTI SKOTA. SOV. ZOOTEKHNIYa, 1949, N^o 2, c. 31-36

SO: LETOPIS' NO. 31, 1949

MART'YANOV, F. M.

21918. MART'YANOV, F. M.

Dostizheniya i otkrytiya na sikhkikh obremakh v zhivotnovodstve. Zhurn.
zhivotnovodstvo, 1949, No. 5, s. 88-92

LC: Letopis' Zhurnal'nykh statey, No. 19, Moskva, 1949.

1. MART'YANOV, F. M.
2. USSR (600)
4. State Farms
7. State farms fight to resolve the main problems in agriculture.
Kolkh. proizv. 12 No. 11, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

MART'YANOV, G. I.

DREYZENSTOK, Z.B.; PAS', A.I.; RUSSO, V.L.; MART'YANOV, G.I., inzhener,
retsensent; KOCHERGIN, K.A., kandidat tekhnicheskikh nauk, redaktor;
POL'SKAYA, R.G., tekhnicheskiiy redaktor

[Electric welder] Elektrosvarshchik. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1956. 102 p. (MLRA 10:3)
(Electric welding)

MART'YANOV, G. I., and TOROPOV, V. A.

"Manufacturing Welded Rotors From Austenitic Steel (From the Experience of the Leningrad Metal Plant (LMZ) and the Central Scientific Research Institute of Technology and Machine Building (TsNIIMASH)," by V. A. Toropov, Candidate of Technical Sciences, and Engr G. I. Mart'yanov. Energomashinostroyeniye, No 11, Nov 56, pp 13-20

The technological process of the welding and heat treatment of turbine rotors made of austenitic steel, guaranteeing low radial and axial deformation of the rotor, is presented. "At present welding is the only technological method permitting the manufacture of austenitic steel rotors weighing tens of tons. The manufacture of such rotors by casting or by seamless forging does not seem possible at present because of the absence of suitable smelting and forge-press equipment."

The absolute necessity for precise finished measurements, for the precise axial positioning of the parts lying in the flow part of the turbine, and the very rigid tolerance in rotor wobble, after welding and heat treatment, led to the development of a rotor welding method.

"Standard rotors manufactured in the plant according to the developed methods of welding and heat treatment comply fully with established technical requirements."

Data on wobble and shrinkage obtained during the welding and heat treatment of the test gas turbine rotor together with schematic diagrams are included.

Sum 1239

Translation from: Referativnyy zhurnal. Metallurgiya. 1958. Nr 11 p 143 (USSR)
SOV 137-58 11 22825

AUTHOR: Mart'yanov, G. I.

TITLE: Welding at the LMZ (Leningrad Metalworking Plant im. I V Stalin)
(Svarka [LMZ])

PERIODICAL: V sb.: Razvitiye tekhn. na Leningr. metallichesk. z. de im.
Stalina, Moscow-Leningrad Mashgiz, 1957, pp 250-259

ABSTRACT: A history of the development of welding at the Leningrad Metalworking Plant from 1905 to the present time. The following projects completed at this plant are described: The fabrication of the first welded spiral (volute) casing for the Niva river GES-II Hydro electric station; the welding of a high pressure (P) cylinder (C) for a VK-100-2 turbine (T); the fabrication by welding of a C and an impeller wheel for a cracking pump; the manufacture of a valve housing for the automatic throttling system employed in the SVK 150 steam T; the substitution of a cast portion in the foundation of a T at the Kuybyshev hydroelectric plant by a welded part and the assembly and fabrication by welding of an impeller-wheel housing for the above T; the manufacture of a high-pressure rotor a

Card 1/2

SOV 137-58 11-22825

Welding at the LMZ (Leningrad Metalworking Plant im. I. V. Stalin)

low-pressure C, and the fabrication of an impeller wheel for a low-pressure compressor in a gas T of the GT-12-3 type. The repair of a low-P C for a 30,000 kw T by means of welding is described, also repairs performed on the blades of a T at the Svirsk hydroelectric plant and work performed in correcting casting defects in a high-P C of a VK-100-2 turbine. 13 illustrations are included.

V S

Card 2/2

137-58-5-9925

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 150 (USSR)

AUTHORS: Zvegintsev, S.K., Mart'yanov, G.I.

TITLE: Welding in the Machinery Plants of Leningrad (Svarochnoye proizvodstvo na leningradskikh mashinostroitel'nykh zavodakh)

PERIODICAL: V sb.. Svarochnoye proiz-vo, Leningrad, Lenizdat, 1957, pp 161-176

ABSTRACT: A description is offered of the state of the welding art at Leningrad plants making power equipment. The accomplishments of the machinery builders of Leningrad in the field of welding technique are presented.

B. V.

1. Industrial plants--USSR 2. Welding--Applications

Card 1/1

MART'YANOV, G.I., inzh.

Welded shafts for hydraulic turbines. Energomashinostroenie

3 no.12:39 D '57.

(MIRA 11:1)

(Hydraulic turbines)

1.2300

26136

S/137/51/000/001/002/092
A006/A101

AUTHOR: Mart'yanov, G.I.

TITLE: Building-up of hard stainless alloy on the inlet edges of turbine blades

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6, 1961, 64, abstract "B-2" (V sb. "Nekotoryye voпр. tekhnol. proiz-va turbin" Tr. Leningr. metall. z-za, no. 7, Moscow-Leningrad, 1960, 234 - 24)

TEXT: The problem of preventing erosion failure of the inlet edges of operational steam turbine blades was initially solved by soldering stainless plates on the edges with the use of silver solder. The mechanical properties of Ag-alloy, however, did not assure reliable junctions of the stainless plates for the new turbine types. Therefore the building up of stainless was performed with a $C_2H_2-O_2$ flame. 10% WZK, grade stainless rods of 6 mm in diameter were used as filler material, and flux of the following composition (in %) was employed: 10% fluoric acid 25, borax 25, fluoreper 40. Building up was carried out on a slightly "sweated" base metal. Heat treatment was performed after building-up. It was established that deformation degree of the blades did not appreciably increase.

Card 1/2

Building-up of hard stellite alloy.

2-30 S 137/6-1000/000/000/000/000
ACCE/A101

the sequence of building-up operations. Building up assures high-quality build-up metal and the absence of defects in the base metal. Experimental blades built with building up of stellite are now operating 1/2 years and were found in excellent factory condition when inspected.

Yel. Ternigov

[Abstracter's note: Complete translation]

Card 2/2

BIRYUKOV, V.M., inzh.; MART'YANOV, G.I.; KALETINA, T.V., inzh.; GRISHCHENKO,
L.V., inzh.; FEDOSEYENKO, G.I., inzh.

Welding a high-strength alloy spiral turbine chamber at the
Krasnoyarsk Hydro-electric Power Station. [Trudy]LMZ no.11.
189-201 '64. (MIRA 17:12)

MART'YANOV, G.I., inzh.; DMITRIYEVA, G.K., tekhnik; TERESHCHENKO, N.F., tekhnik

Protection of blades from erosion. [Trudy]LMZ no.11:315-322 '64.
(MIRA 17:12)

MART 'YANOV, I. (g. Ivanovo)

Sergei Vasil'evich Andreev and his sons. Stroitel' no.11:10-11
' 58. (MIRA 11:12)

(Andreev family)

SHEVCHENKO, V., konstruktor (Frunze); LEVENOK, A.; PLODUKHIN, A.
(Saransk, Mordovskoy ASSR); NIKHEL'MAN, A.; MART'YANOV, I.
(Ivanovo); VETROV, A., mekhanik (stantsiya Novosibirskaya
oblast')

From reader to reader. Tekh.mol. 31 no.2:28-29 '63.

(MIRA 16#6)

1. Burinskiy sovkhos, Kunashakskiy rayon, Chelyabinskaya
oblast', (for Nikhel'man).

(Technological innovations)

FAYBISHENKO, A.D.; MART'YANOV, I.M., inzhener; PIGOLEV, S.V., redaktor;
AVRUSHCHENKO, R.A., redaktor; KONYASHINA, A., tekhnicheskikh redaktor

[Operation of the PMZ-9 and PMZ-10 fire engines; from work experience of the Leningrad fire brigades] Eksploatatsiia pozharnykh avtomobilei PMZ-9 i PMZ-10; iz opyta raboty pozharnykh komand Leningrada. Moskva, izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 55 p. (MIRA 8:6)
(Fire engines)

FAYBISHENKO, Ayzik Davydovich; MART'YANOV, Igor' Mikhaylovich;
TROITSKIY, P.S., red.; NIKOLAYEVA, T.A., red. izd-va; LELYUKHIN,
A.A., tekhn. red.

[Operation of fire equipment under winter conditions] Eksploatatsiya
pozharnoi tekhniki v zimnikh usloviakh. Moskva, Izd-vo
M-va kommun. khoz. RSFSR, 1960. 101 p. (MIRA 14:3)
(Fire departments--Equipment and supplies)

MART'YANOV, M.M., inzhener

Scavenging calculations for locomotive boilers. Tekh.zhel.dor. 7
no.1:4-5 Ja'48. (MIRA 8:11)

(Locomotive boilers)

MART'YANOV, Mikhail Mikhaylovich, inzhener; KOCHUROV, Yuriy Dmitriyevich, inzhener; KLYUYEVSKIY, Fedor Mikhaylovich, inzhener; MOREV, Petr Georgiyevich, inzhener; KUDRYASHOV, A.T., inzhener, redaktor; VERINA, G.P., tekhnicheskij redaktor

[Manual for workers in chemical and technological railroad and locomotive depot laboratories] *Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii*. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 282 p. (MLRA 9:10)
(Railroads) (Laboratories)

MART'YANOV, M.M.; BELYAVSKIY, I.Yu.; CHEPYZHEV, B.F.

Increase the role of chemico-technical laboratories of the
railroad system. Zhel.dor.transp. 37 no.6:24-28 Jo '56.(MLRA 9:6)
(Railroad research)

KOCHUROV, Yuriy Dmitriyevich; MOREV, Petr Georgiyevich; MART'YANOV, Mikhail Mikhaylovich; SHAPROV, Mikhail Fedorovich; KLYUYEVSKIY, Fedor Mikhaylovich; BLIDCHENKO, I.F., inzh., retsenzent; GRISHIN, K.S., inzh., retsenzent; IVANOV, S.N., inzh., retsenzent; KUZINA, Z.P., inzh., retsenzent; MUSAL'YAN, A.T., inzh. retsenzent; SAL'MAN, R.V., inzh., retsenzent; SOBAKIN, V.V., inzh., red.; USENKO, L.A., tekhn. red.

[Manual for the personnel of chemical and technical laboratories in the field and at depots] Rukovodstvo rabotnikam dorozhnykh i depovskikh khimiko-tekhnicheskikh laboratorii. Izd.2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1962. 211 p. (MIRA 15:4)

(Railroads--Equipment and supplies)
(Engineering laboratories)

SOV/122-59-3-11/42

AUTHORS: Chernov N.K., Mart'yanov N.M., Levchenko L.B., Engineers, and Dyuringer, A.K.

TITLE: An Automatic Press for the Briquetting of Swarf (Press-avtomat dlya briketirovaniya struzhki)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 37-38 (USSR)

ABSTRACT: A so-called linear hydraulic automatic press for making briquettes of cast iron swarf in machine shops has been designed and made at the Gor'kiy Motorcar Works (Gor'kovskiy Avtomobil'nyy Zavod). A patent has been granted. The two-column press, mounted on an oil container bed, consists of the upper assembly containing the working hydraulic cylinder and the pressure multiplier, and a lower assembly containing a frame in which the loading mechanism, the pressure chamber and the briquette ejector are assembled. The lower assembly also contains the cylinder which displaces the pressure chamber. The pressure chamber loading mechanism is described in detail and diagrammatically illustrated in Fig 2. A press as described has on test yielded 3 tons of briquettes, 5.5 g/cm³, in an 8-hour shift, of satisfactory strength and measuring 60 mm in diameter, weighing 700 g.

Card 1/2

SOV/122-59-3-11/42

An Automatic Press for the Briquetting of Swarf

Briquettes of this size have been successfully used in the charge of foundry furnaces. The manufacturing cost of the press is stated as 25,000 roubles. It occupies a floor space of 1200 x 670 mm and stands 1900 mm high. By changing the plunger stroke, the press can be converted for processing steel or non-ferrous alloy swarf.

There are 2 figures, including 1 photograph.

Card 2/2

ORLOV, Yu.L.; MART'YANOV, N.M.

Rare earth vesuvianite from the Yenisey Ridge. Trudy Min. muz.
no.11:187-190 '61. (MIRA 16:7)

(Yenisey Ridge--Vesuvianite)

MART' VANDY, N. N.

USSR

A mineral of the siderite group. N. N. Mart'ynov and V. G. Pivovarchik, *Doklady Akad. Nauk SSSR*, 1967, 166 (1964) 151. *Glasberg, Trans. Mineral. Muscovy, A. Acad. Sci. S.S.S.R.*, 3, 83 (1961); 4, 36 (1963); preceding abstract. Siderite is observed in the contact zone of trichlythine-kibbilitine pegmatites of Tuva, with typical muscovite-muscovellite rocks in localities. The mineral occurs in lenses up to 20 X 40 cm. in size, locally with rose quartz. It is dark-brown to black, in thin sections change-brown, with uneven fracture, and two distinct cleavages. Hardness is 4.5; d. 3.80. On the surface the siderite is easily changed to kotoerite, and the hydrides of Fe and Mn appear on cracks. Optically μ_g , $3V = 23^\circ$, with dispersion $\gamma > \beta$; $n = 1.776$; $\beta = 1.771$; $\alpha = 1.760$; pleochroism: γ yellow color; γ perpendicular to the good (010 cleavage, α perpendicular to the poor cleavage parallel (100). Thin section analysis corresponds to the formula $(Li, Na)_{0.8}Fe_{0.2}(Mn, Mg, Ca, Fe)_{1.0}(PO_4)(OH)$, $n = 1.783$, but with a relatively low Li/Co (0.57%). FeO (1.183%), and high MgO (3.89%). The mineral is probably formed from a trichlythine with 27.6% FeO , changed by substitution. X-ray studies showed the orthorhombic structure with a primitive Bravais translation group, and 4 formula units in the elementary cell, the dimensions of which are $a = 4.89$; $b = 10.14$; $c = 5.93$ Å, which is that of Fe-tellurite. The space group is $Pnma$, with 5.65 cations in the place of 8 cations of the ideal, complete structure with a hexagonal close packing of the PO_4 anions, and with interstitial OH^- groups among x-ray scatterers, the continuous transition to the structure of heterosite in which Mn is charged to Mn^{2+} is indicated by the lattice deformation caused by the smaller ionic radius of the latter cations. Supergene pseudomorphs of siderite after trichlythine are observed, sufficient of the primary mineralization are completely absent. WR